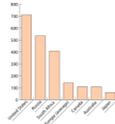
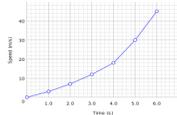


## Exceeding expectations

- Use tenths, hundredths and thousandths when comparing values and solving addition and subtraction problems
- Round any number to 100,000 to the nearest 10, 100, 1,000 or 10,000
- Relate tenths and hundredths to fractional values
- Rapidly recall answer when multiplying and dividing a whole or decimal number by 10
- Solve multi-step problems involving more than one of the operations
- Work out simple percentage values of whole numbers as is related to on-going learning in science, history and geography
- Compare and add fractions whose denominators are all multiples of the same number
- Use a 24-hour timetable to find out times for a journey between various places
- Use knowledge of perimeter to work out perimeter of large areas around school using metres and centimetres
- Collect own data on given project and present information in graphical formats of their choosing



# Lammack Primary

# School



## End of Year

## Expectations

## Year 4

## Mathematics

This booklet has been produced as an aid to help you and your child with the skills that are required this year; these are the expectations for the end of year. In class, we will be working towards these goals throughout the year and would appreciate your help and support in doing this. These skills would be useful to refer to when supporting your child with their homework. Thank you.

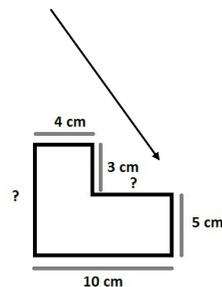
### Expectations: Measurement, Geometry and Statistics

- Compare and classify geometrical shapes, including quadrilaterals and triangles, based on their properties and sizes
- Know that angles are measured in degrees and identify acute and obtuse angles and compare and order angles up to two right angles by size
- Measure and calculate the perimeter of a rectilinear figure in centimetres and metres



**08.22 or 8.22 am**

**20.22 or 8.22pm**



- Read, write and convert between analogue and digital 12 and 24 hour clocks
- Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs

### Expectations: number



- Recall all multiplication facts to  $12 \times 12$
- Round any number to the nearest 10, 100 or 1000 and decimals with one decimal place to the nearest whole number
- Count backwards through zero to include negative numbers
- Compare numbers with the same number of decimal places up to 2 decimal places
- Recognise and write decimal equivalents of any number of tenths or hundredths
- Add and subtract with up to 4 decimal places using formal written methods of columnar addition and subtraction
- Divide a 1 or 2-digit number by 10 or 100 identifying the value of the digits in the answer as units, tenths and hundredths
- Multiply 2-digit and 3-digit numbers by a 1-digit number using formal written layout
- Solve addition and subtraction two-step problems in context and solve problems involving multiplication and division
- Solve simple measures and money problems involving fractions and decimals to 2 decimal places

units      tenths      hundredths

←      ←      ←

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